



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,456	07/21/2003	Roger Regan Arnaud	ARNA-002	3114

7590 09/21/2004
Roger R. Arnaud
PO Box 2713
Stateline, NV 89449

EXAMINER

CHAMBERS, TROY

ART UNIT	PAPER NUMBER
----------	--------------

3641

DATE MAILED: 09/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/623,456

Applicant(s)

ARNAUD, ROGER REGAN

Examiner

Troy Chambers

Art Unit

3641

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) ____ is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07/23/03 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "26" has been used to designate both the wheel and the hub; reference character "42" has been used to designate both the clamp that connects to the handlebars and the clamp that connects to the paintball gun. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. ~~If the changes are not accepted by the examiner, the~~ applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance. The above list may not be exhaustive so it is the responsibility of the applicant to ensure compliance with 37 C.F.R. 1.84(p)(4).

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 66, 74 (Fig. 3). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being

amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance. The above list may not be exhaustive so it is the responsibility of the applicant to ensure compliance with 37 C.F.R. 1.84(p)(5).

3. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the bracket length adjuster must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will

be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. Figures 1-5 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.121(d)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

5. Claim 2 is objected to because of the following informalities: "end" should be placed following "top" at the end of the claim. Appropriate correction is required.

6. Claim 4 is objected to because of the following informalities: Claim 4 recites "a bracket" but should be renamed "second bracket" or similar language because a bracket has already been disclosed in claim 1. Appropriate correction is required.

7. Claim 1 is objected to because of the following informalities: "said" should be placed preceding "first bracket end" in line 7. Appropriate correction is required.

Claim Rejections - 35 USC § 112

8. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the

Art Unit: 3641

art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

9. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

10. Claim 4 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Specifically, neither the drawings nor the specification discloses to one of ordinary skill in the art how or in what manner the bracket length adjuster functions to lengthen the bracket.

11. Claim 4 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite
for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, it is not clear which bracket applicant is referring to when reciting "said bracket" in line 5.

12. Claims 1-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, claims 1-4 use the term "proximate" and "coupled" or "coupled to" when referring to the connection of one element to another. However, "coupled" suggest a direct connection while "proximate" suggests a connection that is near but not necessarily direct.

Claim Rejections - 35 USC § 103

13. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

14. Claims 1 and 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. 5697181 issued to Savant in view of U.S. 6367465 issued to Buccieri, Jr. (hereinafter "Buccieri").

15. With respect to claim 1, Savant discloses a vehicular mount for a gun, comprising a steering assembly 22 having top and bottom ends; a bracket 30 having first and second bracket ends; said first end coupled to the gun and the second end coupled to the handlebars 22 via the bar 28 and mount 26. Savant does not disclose a paintball gun. However, the specification does not limit the vehicular mount to any particular type of gun. In fact, Savant discloses that the mount can be used with "various gun types. (Col. 2, ll. 39-44). Because a paintball gun is a type of gun, it would have been obvious to one of ordinary skill in the art to provide the rack of Savant with the paintball gun of Buccieri. The suggestion/motivation for doing so would have been to make it easier to shoot a paintball gun while mounted on an ATV-type vehicle.

16. With respect to claim 2, Buccieri discloses a remote trigger connector 10C having a first connector end (at the location of 48 in Fig. 9A) and a second connector end (at location 86 in Fig. 9A). The first connector end is coupled to the paintball trigger 32 while the second connector end is coupled to a lever 102. As the claim can best be

understood in view of the 112 (2) rejection above, the second end must be coupled to something that is proximate the steering assembly top. Because there is nothing in the specification that defines how close "proximate" is, the Examiner is interpreting any distance as being proximate the steering assembly top. Hence, when the gun of Buccieri is placed in the mount of Savant, the second connector end will be connected to the lever 102 at a location that is proximate the top of the steering assembly.

17. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Savant and Buccieri as applied to claims 1 and 2 above, and further in view of US 20040112356 issued to Hatcher. The combination of Savant and Buccieri is described above. However, there does not appear to be any mention of a hopper coupled to the paintball gun by a hold down having a first connector end and a second connector end. Hatcher discloses such a hopper and a hold down. At the time of the invention, one of

ordinary skill in the art would have found it obvious to provide the paintball gun of Buccieri with the hopper and hold down of Hatcher. The suggestion/motivation for doing so would have been to provide a positive fit between the paintball gun and a hopper for supplying a plurality of paintballs.

Conclusion

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The prior art cited on form PTO-892 are cited as of interest to show similar paintball guns and vehicular mount systems.

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Troy Chambers whose telephone number is (703) 308-

Art Unit: 3641

5870. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael J. Carone, can be reached at (703) 306-4198.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-4177. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

A handwritten signature in black ink, appearing to be "A. J. Carone", is written over the end of the text block.